	CENTRAL INTELLIGENCE AGENCY	REPORT
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BJECT	Industrial Installations	NO. OF PAGES 3
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3. Oil refinery (Krekin): This plant is about 600 meters southwest of the Mafthayara railroad station. The distance along the Volga from the Mafthayara rail station to the main docks in Saratov is about 12 kilometers (less by air since the Volga makes a sharp turn to the west opposite Saratov). The refinery compound is large.

________the old distillation installations have been rebuilt since 1945, and some new construction has been done. Var damage was slight. The refinery is also engaged in the production of a special airplane pasoline. Personnel is estimated at 2,000 to 3,000 for all shifts.

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- 4. Savetov Talks nower installation: This steem power unit is shout one and a half kilometers north of the Kombain airnlane factory and one kilometer west of the Volga. Output is limited: not more than two or three medium sized turbines are said to be in operation.
- Saratry GRES power installation: More important than the Saratov man is the hydro electric unit, Saratov GRES, situated on the right bank of the Volga about two kilometers downstream from the main docks. The number of turbines is estimated to be four or five; an unknown amount of coal and oil is also used for turbine operation. (1)
- E. Lenin factory: This factory is about 800 to 1,000 meters west of the Volga and opposite the Ules: naphtha depot. All construction projects in the Saratov area are supplied with various types of wire, bolts, and nails produced in the Lenin factory. There was some war damage in this plant, but full production has been possible since 1945. Estimate of personnel for all shifts is 1,500.
- 7. Tractor factory: This plant on Astrachan stret is about two kilometers south of the Seratov main railroad station. Although undamaged in the war, this factory has been extensively modernized but not expanded since 1945. Comshafts, flexible drive shifts, gears, and four cylinder tractor motors (350 to 400 finished on each shift) are produced here. Total personnel for all three shifts is approximately 2,000.
- Ball bearing factory: The ball bearing factory is one of the most important industries in Saratov and could be a highly significant parts production unit for armored tanks. The plent is about seven kilometers upstream from the railroad bridge and three kilometers from the Volga. This installation is new, probably constructed during the 1930's, and its technical equipment is modern and efficient. The compound is large with adequate space for expansion: some new buildings are under construction. Production is high (200,000 ball bearings and 20,000 rings in three shifts) and of a superior quality.
- Factory Mr. 44: This plant produces pears, cylindrical and block, for tractors and nossibly armored tanks. The present compound is north of the Kombain airplane factory. However, a new plant is being built a few kilometers southWest of the present site, and it is expected that the compound now in use will be abandoned and the equipment moved when the new plant is ready for operation. Only one small tempering shop is available, therefore most parts are shipped in from outside sources. Personnel for all three shifts is estimated to be not more than 1,500. (2)

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	CENTRAL INTELLIGENCE AGENCY	50X1
4	Factory Mr. 95: This factory is about 800 meters north of the Kombain airplane factory and not more than 500 meters south of the Saratov TEZ installation. this plant produces accumulators. (3)	50X1-HUM
7 1 1 2 2 3	Combain airplane factory: This factory is about two kilometers west of the Volga and eight to nine kilometers southwest of the railroad bridge downstream. This area is closedly built up and the section of the city surrounding the plant is designated Kombain. Previously this factory produced againcultral machinery. In 1945 this factory reportedly produced five combat planes daily. In 1947 production was changed from motor-driven to jet-propelled combat planes. According to Pussian reports the plant employs 25,000 to 30,000 workers in three shifts. (4)	50X1-HUM
	Military airfield: This airfield is opposite the ball bearing plant, one and a half to two kilometers from the Volga, one and a half kilometers south of the Kombain airplane factory, and one and a half kilometers north of the oil refinery. The sirfield, approximately 1.2 to 1.5 x 1.0 kilometers, has two or three hangers. Up to 1040 the airfield had 20 to 30 planes which were usually parked along the wire fence on the west near the ball hearing plant. They were britfires, Junkers, and Messerschmitts. Jet planes were tested here, usually singly; however on one occasion three were observed simultaneously. These planes gained altitude with great speed and made a whistling sound in flight; wings	
	The the three planes were produced in the Kombain plant.	50X1-HUN
	Motor-driven combat planes also used the field during the day as well as the might. Night illumi-nation was not observed, but sometimes rockets were used when a plane wished to land. No practice parachute landings were	
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INDUSTRIAL INSTALLATIONS IN SOUTHFESTERN SARATOR

L E D

- 1. PROPAROTS HATA Repair Shop
- 2. PR. Bridge
- 3. RR. Station 4. UVEK Naphtha Storage Installation with oil
- Pumps and Pipe 5. UVEK PR. Station and Shipping Dock

- 6. TW Camp No. 368/9
 7. TW Camp No. 7238/22
 8. Oil Refinery with Pipes and Pump Installations
 9. NAFTNAT ATA RR. Station
- 10. Granaries
- 11. Military Airfield

- 12. W Camp No. 7238/22
 13. Ball-Bearing Factory
 14. PW Camp No. 368/4 (Ient Camp)
- 15. New Installation belonging to Factory No. 44

- 16. PW Comp No. 3631 (Mospital)
 17. "KOMBAIN" Airplane Factory
 18. Sawmill, Gasoline Installation, Yeast Brewery, 2nd
 PW Comp No. 7238/4
 19. ULFSHI RP. Station
 20. ULESHI Naphthe Installation and PW Comp No. 7238/
- 20. ULESHT Naphthe Installation and PW Camp No. 7238/10 21. Factory No. 44 (Production of Gears) 22. SAPATOV-TEZ Power Installation 23. Factory No. 95 (Production of Accumulators) 24. PW Camp No. 7238/10

- 75. Lenin Factory 26. PW Camp No. 368/13 27. Tractor Factory
- 28. Street Car Line
- 29. Main RR. Station 30. Main FR. Administration Building
- 31. Church
- 32. Main Dock
- 33. Steamship Dock
- 34. SAPATOV GRES Power Installation

----- Streetcar line

Pailroad tracks

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